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EXAMINER
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NGUYEN, HAI V

ART UNIT	PAPER NUMBER
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2142

DATE MAILED: 10/04/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/088,784

Applicant(s)

GILHULY ET AL.

Examiner

Hai V. Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 26 June 2002.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 63-112 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 63-112 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 June 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All   b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 11/05/04;5/13/03.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☒ Other: See Continuation Sheet.

Continuation of Attachment(s) 6). Other: IDSs received on 3/27/03; 11/29/02; 9/03/02.

fn

### DETAILED ACTION

1. This Office Action is in response to the application filed on 26 June 2002.
2. Claims 1-62 are cancelled.
3. Claims 63-112 are presented for examination.

#### ***Double Patenting***

4. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. See *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent is shown to be commonly owned with this application. See 37 CFR 1.130(b).

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

5. Claims 63-101 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-58 of U.S. Patent No. **6,701,378 B1**. Although the conflicting claims are not identical, they are not patentably distinct from each other because:

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**In the instant application:**

Claim 63 recites that:

A method of redirecting data messages from a messaging host system to a wireless mobile communication device, comprising the steps of:

transmitting a data message to the messaging host system, wherein the messaging host system stores the data message in a first message store associated with a user of the wireless mobile communication device;

detecting the data message at the messaging host system;

forwarding a copy of the data message from the messaging host system to a wireless redirector host system via a wide area network connection between the messaging host system and the wireless redirector host system;

storing the data message in a second message store associated with the user of the wireless mobile communication device at the wireless redirector host system;

determining whether the data message stored in the second message store should be redirected from the wireless redirector host system to the; user's wireless mobile communication device; and

if the data message should be redirected, then packaging the data message into an electronic envelope and transmitting the electronic envelope from the wireless redirector host system to the user's wireless mobile communication device via a wireless gateway coupling the wireless redirector host system to a wireless transmission network.

**In the patent # 6,701,378 B1:**

Claims 5, 8, 6, and 20 recite that:

"A method of transmitting messages originating from a wireless device with a first electronic mail account maintained at a messaging host system,..." (claim 5)

"detecting the message in the first electronic mail account;" (claim 8)

"forwarding a copy of the message to the wireless redirector host system;" (claim 8)

"placing the original message in an electronic envelope addressed to a second electronic mail account maintained at the wireless redirector host system." (claim 6)

"determining whether the message should be redirected from the wireless redirector host system to the wireless device; and

"if the message should be redirected, then packaging the message into an electronic envelope and transmitting the electronic envelope to the wireless device." (claim 8).

wherein the wireless redirector host system is coupled to the wireless data network via a wireless gateway system (claim 20).

**In the instant application:**

Claim 93 recites that:

"The method of redirecting E-mail messages from a messaging host system to a user's wireless mobile device, comprising the steps of:

detecting an E-mail message for the user at the messaging host system;

storing the E-mail message in a first message store at the messaging host system;

forwarding a copy of the E-mail message from the messaging host system to a wireless redirector host system via a wide area network connection;

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receiving the forwarded E-mail message at the wireless redirector host system and storing the E-mail message in a second message store at the wireless redirector host system;

applying a set of user-defined filtering rules that determine whether or not to redirect the stored E-mail message from the wireless redirector host system to the user's wireless mobile device via a wireless network coupled to the wireless redirector host system; and

if the filtering rules determine that the E-mail message is of the type that should be redirected, then redirecting the E-mail message to the user's wireless mobile device by packaging the E-mail message in an electronic envelope that includes the wireless network address of the user's wireless mobile device.

**In the patent # 6,701,378 B1:**

Claims 26, 1, and 6 recite that:

"detecting a message for the user of the wireless device at the messaging host system;" (claim 26)

"storing the original electronic mail message in the first electronic mail account;" (claim 1)

"forwarding a copy of the message from the messaging host system to the wireless redirector host system;" (claim 26)

"receiving the forwarding message at the wireless redirector host system" (claim 26) and placing the original message in an electronic envelope addressed to a second electronic mail account maintained at the wireless redirector host system." (claim 6)

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“applying a set of user-defined filtering rules that determine whether or not to redirect the message to the user’s wireless device via wireless network coupled to the wireless redirector host system; and” (claim 26)

“if the filtering rules determine that the message is if the type that should be redirected, then redirecting the message to the user’s wireless device by packaging the message in an electronic envelope that includes the wireless network address of the user’s wireless device.” (claim 26)

6. Claim 93-112 are provisionally rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 51-62, 71-74, 76-78, 81 of copending Application No. **09/928,983**. Although the conflicting claims are not identical, they are not patentably distinct from each other because:

**In the instant application:**

Claim 93 recites that:

“The method of redirecting E-mail messages from a messaging host system to a user’s wireless mobile device, comprising the steps of:  
detecting an E-mail message for the user at the messaging host system;  
storing the E-mail message in a first message store at the messaging host system;  
forwarding a copy of the E-mail message from the messaging host system to a wireless redirector host system via a wide area network connection;



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receiving the forwarded E-mail message at the wireless redirector host system and storing the E-mail message in a second message store at the wireless redirector host system;

applying a set of user-defined filtering rules that determine whether or not to redirect the stored E-mail message from the wireless redirector host system to the user's wireless mobile device via a wireless network coupled to the wireless redirector host system; and

if the filtering rules determine that the E-mail message is of the type that should be redirected, then redirecting the E-mail message to the user's wireless mobile device by packaging the E-mail message in an electronic envelope that includes the wireless network address of the user's wireless mobile device.

**In the co-pending application # 09/928,983:**

Claim 51 recites that:

"The method of redirecting E-mail messages from a messaging host system to a user's wireless mobile device, comprising the steps of:

detecting an E-mail message for the user at the messaging host system;

forwarding a copy of the E-mail message from the messaging host system to a wireless redirector host system;

receiving the forwarded E-mail message at the wireless redirector host system and

applying a set of user-defined filtering rules that determine whether or not to redirect the stored E-mail message from the wireless redirector host system to the user's wireless mobile device via a wireless network coupled to the wireless redirector host system; and

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if the filtering rules determine that the E-mail message is of the type that should be redirected, then encrypting the E-mail message to form an encrypted E-mail message and redirecting the encrypted E-mail message to the user's wireless mobile device by packaging the encrypted E-mail message in an electronic envelope that includes the wireless network address of the user's wireless mobile device.

**In the instant application:**

Claim 102 recites that:

"A system for redirecting data messages from a network to a user's wireless mobile device, comprising:

a messaging host system coupled to the network for receiving data messages associated with a particular user and for storing and forwarding the received data messages to a predetermined address on the network; and

a redirector host system associated with the predetermined address for receiving and storing the forwarded data messages from the messaging host system and for redirecting those data messages to the user's wireless mobile device via a wireless gateway coupling the redirector host system to a wireless transmission network.

**In the co-pending application # 09/928,983:**

Claim 60 recites that:

A system for redirecting data items from a network to a user's wireless mobile device, comprising:

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a messaging host system coupled to the network for receiving data items associated with a particular user and for forwarding the received data items to a predetermined address on the network; and

a redirector host system associated with the predetermined address for receiving the forwarded data items from the messaging host system and for encrypting and redirecting the forwarded data items to the user's wireless mobile device. (claim 60)

**In the instant application:**

Claim 112 recites that:

A method of operating a host system configured to redirect E-mail messages from the Internet to a user's wireless mobile device, comprising the steps of:

receiving an E-mail message from the Internet for a particular user;

accessing a user profile database to determine whether the particular user is an authorized user of the host system;

if the user is an authorized user, then accessing a filter rules database to apply a set of user-defined filtering rules to the E-mail message that determine whether the E-mail message is the type of message that should be redirected to the user's wireless mobile device; and

if the E-mail message clears the filtering rules, then repackaging the E-mail message into an electronic envelope including the address of the user's wireless mobile device and forwarding the electronic envelope to a wireless gateway system for

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transmission onto a wireless data network associated with the user's wireless mobile device.

**In the co-pending application # 09/928,983:**

Claim 81 recites that:

A method of operating a host system configured to redirect E-mail messages from the Internet to a user's wireless mobile device, comprising the steps of:

receiving an E-mail message from the Internet for a particular user;

accessing a user profile database to determine whether the particular user is an authorized user of the host system;

if the user is an authorized user of the host system, then accessing a filter rules database to apply a set of user-defined filtering rules to the E-mail message that determine whether the E-mail message is the type of message that the user wants to have redirected to its wireless mobile device; and

if the filtering rules determine that the E-mail message should be redirected, then encrypting the E-mail message and repackaging the encrypted E-mail message into an electronic envelope including the address of the user's wireless mobile device and forwarding the electronic envelope to a wireless gateway system for transmission onto a wireless data network associated with the user's wireless mobile device.

This is a provisional obviousness-type double patenting rejection because the conflicting claims have not in fact been patented. Accordingly, this instant claims 93, 102, 112 claimed is various obviousness of the claims 51, 60, 81 of that co-pending application. The elements of "encrypting data items" or "encrypting an e-mail message"

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are absent in this instant claims 93, 102, 112 respectively which is an addition or an option selected by the user or the administrator before transmitting out the e-mail message in the co-pending application. Thus, "encrypting the data item" or "encrypting the e-mail message" is well-known to ordinary skill in the networking art (*see patent # 6,571,290, claim 16*).

7. Claim 63-112 are provisionally rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-4, 66-13, 15-22, 24-49, 51-54 of copending Application No. **09/671,162**. Although the conflicting claims are not identical, they are not patentably distinct from each other because:

**In the instant application:**

Claim 63 recites that:

A method of redirecting data messages from a messaging host system to a wireless mobile communication device, comprising the steps of:

transmitting a data message to the messaging host system, wherein the messaging host system stores the data message in a first message store associated with a user of the wireless mobile communication device;

detecting the data message at the messaging host system;

forwarding a copy of the data message from the messaging host system to a wireless redirector host system via a wide area network connection between the messaging host system and the wireless redirector host system;

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storing the data message in a second message store associated with the user of the wireless mobile communication device at the wireless redirector host system;

determining whether the data message stored in the second message store should be redirected from the wireless redirector host system to the user's wireless mobile communication device; and

if the data message should be redirected, then packaging the data message into an electronic envelope and transmitting the electronic envelope from the wireless redirector host system to the user's wireless mobile communication device via a wireless gateway coupling the wireless redirector host system to a wireless transmission network.

**In the co-pending application # 09/671,162:**

Claims 1, 2 recite that:

A method of redirecting data items from a messaging host system to a user's mobile device, comprising the steps of:

detecting a new data item for the user at the messaging host system;

forwarding a copy of the new data item to a redirector host system;

storing the new item in a user's inbox coupled to the messaging host system

(claim 2);

determining whether the new data item should be redirected from the redirector host system to the user's mobile device; and

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if the new data item should be redirected, then packaging the new data item into an electronic envelope and transmitting the electronic envelope to the user's mobile device.

**In the instant application:**

Claim 93 recites that:

"The method of redirecting E-mail messages from a messaging host system to a user's wireless mobile device, comprising the steps of:

detecting an E-mail message for the user at the messaging host system;

storing the E-mail message in a first message store at the messaging host system;

forwarding a copy of the E-mail message from the messaging host system to a wireless redirector host system via a wide area network connection;

receiving the forwarded E-mail message at the wireless redirector host system and

storing the E-mail message in a second message store at the wireless redirector host system;

applying a set of user-defined filtering rules that determine whether or not to redirect the stored E-mail message from the wireless redirector host system to the user's wireless mobile device via a wireless network coupled to the wireless redirector host system; and

if the filtering rules determine that the E-mail message is of the type that should be redirected, then redirecting the E-mail message to the user's wireless mobile device by packaging the E-mail message in an electronic envelope that includes the wireless network address of the user's wireless mobile device.

**In the co-pending application # 09/671,162:**

Claims 34, 2 recite that:

"The method of redirecting E-mail messages from a messaging host system to a user's wireless mobile device, comprising the steps of:

detecting an E-mail message for the user at the messaging host system;

storing the new item in a user's inbox coupled to the messaging host system (claim 2);

forwarding a copy of the E-mail message from the messaging host system to a wireless redirector host system;

receiving the forwarded E-mail message at the wireless redirector host system and

applying a set of user-defined filtering rules that determine whether or not to redirect the stored E-mail message from the wireless redirector host system to the user's wireless mobile device via a wireless network coupled to the wireless redirector host system; and

if the filtering rules determine that the E-mail message is of the type that should be redirected, then redirecting the E-mail to the user's wireless mobile device by packaging the E-mail message in an electronic envelope that includes the wireless network address of the user's wireless mobile device.

**In the instant application:**

Claim 102 recites that:

"A system for redirecting data messages from a network to a user's wireless mobile device, comprising:



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a messaging host system coupled to the network for receiving data messages associated with a particular user and for storing and forwarding the received data messages to a predetermined address on the network; and

a redirector host system associated with the predetermined address for receiving and storing the forwarded data messages from the messaging host system and for redirecting those data messages to tile user's wireless mobile device via a wireless gateway coupling the redirector host system to a wireless transmission network.

**In the co-pending application # 09/671,162:**

Claim 43 recites that:

"A system for redirecting data items from a network to a user's wireless mobile device, comprising:

a messaging host system coupled to the network for receiving data items associated with a particular user and for storing and forwarding the received data messages to a predetermined address on the network; and

a redirector host system associated with the predetermined address for receiving and storing the forwarded data items from the messaging host system and for redirecting those data items to tile user's wireless mobile device via a wireless gateway coupling the redirector host system to a wireless transmission network.

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**In the instant application:**

Claim 112 recites that:

A method of operating a host system configured to redirect E-mail messages from the Internet to a user's wireless mobile device, comprising the steps of:

receiving an E-mail message from the Internet for a particular user;

accessing a user profile database to determine whether the particular user is an authorized user of the host system;

if the user is an authorized user, then accessing a filter rules database to apply a set of user-defined filtering rules to the E-mail message that determine whether the E-mail message is the type of message that should be redirected to the user's wireless mobile device; and

if the E-mail message clears the filtering rules, then repackaging the E-mail message into an electronic envelope including the address of the user's wireless mobile device and forwarding the electronic envelope to a wireless gateway system for transmission onto a wireless data network associated with the user's wireless mobile device.

**In the co-pending application # 09/671,162:**

Claim 54 recites that:

A method of operating a host system configured to redirect E-mail messages from the Internet to a user's wireless mobile device, comprising the steps of:

receiving an E-mail message from the Internet for a particular user;

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accessing a user profile database to determine whether the particular user is an authorized user of the host system;

if the user is an authorized user, then accessing a filter rules database to apply a set of user-defined filtering rules to the E-mail message that determine whether the E-mail message is the type of message that should be redirected to the user's wireless mobile device; and

if the E-mail message clears the filtering rules, then repackaging the E-mail message into an electronic envelope including the address of the user's wireless mobile device and forwarding the electronic envelope to a wireless gateway system for transmission onto a wireless data network associated with the user's wireless mobile device.

This is a provisional obviousness-type double patenting rejection because the conflicting claims have not in fact been patented. Accordingly, this instant claims 63, 93, 102, 112 claimed are obviousness of the claims 1, 2, 34, 43, 54 of that co-pending application.

### ***Claim Rejections - 35 USC § 102***

8. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102(b) that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

9. Claims 63-82, 89-90, 92-93, 96-98, 101, 102, 106-109, and 112 rejected under 35 U.S.C. 102(b) as being anticipated by AirMobile Communication Server Guide

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(“AirMobile Software For Lotus cc:Mail Wireless”, User Guide version 1.1, 1995, hereafter “**AirMobile**”).

10. As to claim 63, AirMobile discloses a method of redirecting data messages from a messaging host system (*Fig. 1; cc:Mail Post Office Server*) to a wireless mobile communication device (*Fig. 1, wireless cc:Mail Mobile user*), comprising the steps of:

transmitting a data message to the messaging host system, wherein the messaging host system stores the data message in a first message store associated with a user of the wireless mobile communication device (*Fig. 1, Post Office Server receiving data message from user and storing it in the user's cc:Mail mailbox, pages 10-11*);

detecting the data message at the messaging host system (*Fig. 1, Post Office Server recognizes the incoming data message from the user once the user has registered with his mailbox with the cc:Mail Post Office Server, pages 10-11*);

forwarding a copy of the data message from the messaging host system to a wireless redirector host system (*Fig. 1, AirMobile Wireless for cc:Mail Server*) via a wide area network connection between the messaging host system and the wireless redirector host system;

storing the data message in a second message store (*cc:Mail Server's user mailbox account*) associated with the user of the wireless mobile communication device at the wireless redirector host system.

determining whether the data message stored in the second message store should be redirected from the wireless redirector host system to the user's wireless mobile communication device; and

if the data message should be redirected, then packaging the data message into an electronic envelope and transmitting the electronic envelope from the wireless redirector host system to the user's wireless mobile communication device via a wireless gateway coupling the wireless redirector host system to a wireless transmission network (*Fig. 1, pages 10-11, 25-27, 35 describing the messaging system and the filtering of messages at the redirector host system*).

11. As to claim 64, AirMobile discloses wherein the data message is an e-mail message and the first data store is an e-mail inbox associated with an electronic mail system (*AirMobile, page 10*).

12. As to claim 65, AirMobile discloses, wherein the detecting step includes the steps of: determining whether a data message has been received at the messaging host system for a particular user of a wireless mobile communication device (*AirMobile, page 10*); and checking a forwarding file coupled to the messaging host system to determine whether the particular user's data messages should be forwarded to the wireless redirector host system (*AirMobile, page 10*).

13. As to claim 66, AirMobile discloses, wherein the forwarding file includes a list of network addresses associated with the wide area network connection where the user's data messages should be forwarded by the messaging host system (*AirMobile, page 10*).

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14. As to claim 67, AirMobile discloses, further comprising the steps of:

configuring a set of filtering rules for use by the wireless redirector host system in determining whether the data message should be redirected to the user's wireless mobile communication device (*AirMobile*, page 11-12); and

providing an access mechanism that allows the user to remotely configure and reconfigure the filtering rules by connecting to the wireless redirector host system from a remote terminal (*AirMobile*, page 11-12)).

15. As to claim 68, AirMobile discloses, further comprising the steps of:

configuring a user profile database for use by the wireless redirector host system in determining whether the data message should be redirected to the user's wireless mobile communication device (*AirMobile*, page 11-12); and providing an access mechanism that allows a system administrator of the messaging host system to remotely configure and reconfigure the user profile database by connecting to the wireless redirector host system from a remote terminal (*AirMobile*, page 11-12).

16. As to claim 69, AirMobile discloses, further comprising the steps of receiving the electronic envelope at the user's wireless mobile communication device; extracting the data message from the electronic envelope; and storing the data message within a memory of the mobile device (*AirMobile*, an electronic envelope is inherently necessary to send messages between the host and the mobile device, pages 26-27).

17. As to claim 70, AirMobile discloses, further comprising the steps of

generating a reply data message at the wireless mobile communication device; packaging the reply data message into an electronic envelope and transmitting the

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electronic envelope to the wireless redirector host system (*AirMobile*, page 26 describing messages transmitted by the wireless mobile device, pages 26-27).

18. As to claim 71, *AirMobile* discloses, wherein the electronic envelope is addressed using an electronic address of the wireless redirector host system (*AirMobile*, page 26 describing messages transmitted by the wireless mobile device to the director server will necessarily be addressed using the address of the redirector host system, pages 26-27).

19. As to claim 72, *AirMobile* discloses, further comprising the steps of:

extracting the reply data message from the electronic envelope at the wireless redirector host system (*AirMobile*, Fig. 1, pages 10-11, 25-27, 35);

reconfiguring the addressing information associated with the reply data message; and transmitting the reconfigured reply data message from the wireless redirector host system to the messaging host system (*AirMobile*, Fig. 1, pages 10-11, 25-27, 35).

20. As to claim 73, *AirMobile* discloses, further comprising the steps of:

receiving the reconfigured reply data message at the messaging host system; and storing the reply data message in the first message store associated with the user of the wireless mobile communication device (*AirMobile*, Fig. 1, pages 10-11, 25-27, 35).

21. As to claim 74, *AirMobile* will necessarily complete the claimed steps of:

receiving a reply received at the redirector host system, reconfiguring the addressing information associated with the reply, and transmitting the reconfigured reply data message to a destination using an electronic address included in the reply data

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message (*i.e., the messages sent from the mobile device are intended for outside recipients, so it must include the address of those recipients and must have addresses reconfigured upon redirection at the redirection host system*).

22. Claims 75-82 are disclosed in the same sections of AirMobile discussed previously.

23. Claims 89-90 are disclosed on pages 17 of AirMobile.

24. Claims 93 has similar limitations of claim 63, 67; therefore, it is rejected under the same rationale as in claims 63, 67.

25. Claim 94 is similar limitations of claim 67; therefore, it is rejected under the same rationale as in claim 67.

26. As to claim 96, AirMobile further discloses an interface for redefining or turning on or off the filtering mechanism that includes an activation/deactivation switch to turning on or off the operation of the wireless redirector host system for a particular user (*i.e., the "Enable" feature, see Figs. 2-5, for example*).

27. As to claim 97, AirMobile discloses accessing a user profile database coupled to the wireless redirector host system to verify that the user associated with the E-Mail message is an authorized user (*AirMobile, "password", page 17*).

28. As to claim 98, AirMobile discloses providing an access mechanism that allows a system administrator of the messaging host system to remotely configure and reconfigure the user profile database (*AirMobile, pages 11-12*).

29. As to claim 101, AirMobile discloses, wherein the wireless redirector host system and the wireless mobile device communicate through a wireless gateway system and a



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wireless communication network (*AirMobile, Fig. 1, wherein the "Mobidem" serves as the gateway*).

30. As to claim 102, AirMobile discloses a system for redirecting data messages from a network to a user's wireless mobile device, comprising:

a messaging host system coupled to the network for receiving data messages associated with a particular user and for storing and forwarding the received data messages to a predetermined address on the network (*AirMobile "Note"*); and

a redirector host system associated with the predetermined address for receiving and storing the forwarded data messages from the messaging host system and for redirecting those data messages to the user's wireless mobile device via a wireless gateway coupling the redirector host system to a wireless transmission network (*AirMobile "Note"*).

31. As to claim 106, AirMobile discloses, wherein the redirector host system further includes a redirector software program for determining whether certain data messages should be redirected to the user's wireless mobile device; a filter rules database containing filtering rules to apply to the received data messages for a particular user; and a user profile database containing a list of authorized users (*AirMobile, Fig. 1, AirMobile Wireless for cc:Mail Server; pages 10-12*).

32. As to claim 107, AirMobile discloses a wireless data store for storing the forwarded data messages (*AirMobile, Fig. 1, AirMobile Wireless for cc:Mail Server; pages 11-15*).

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33. As to claim 108, AirMobile discloses the data messages are Email messages and messaging host system is an E-mail server (*AirMobile, Fig. 1, Post Office server; pages 10-15*).

34. Claim 109 is similar limitations of claim 67; therefore, it is rejected under the same rationale as in claim 67.

35. Claim 112 has similar limitations of claims 93, 97; therefore, it is rejected under the same rationale as in claims 93, 97.

***Claim Rejections - 35 USC § 103***

36. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

37. Claims 83-86, 99, 100, and 103 are rejected under 35 U.S.C. 103(a) as being unpatentable over **AirMobile**, and further in view of **Nelson** U.S. patent # **6,061,718**.

38. As to claims 83-84, AirMobile does not explicitly disclose, wherein the messaging host system is run by an Internet Service Provider (ISP). Nonetheless, it is well known to use e-mail over the Internet on an e-mail service run by an ISP, as evidenced by Nelson (*Nelson, col. 5, line 65- col. 6, line 4*). Thus, it would have been obvious for the e-mail system taught by AirMobile to be run by an ISP because that would increase business with the ISP and would allow users to access mail from anywhere in the world.

39. As to claim 85, 99, the combined system of AirMobile and Nelson will perform the steps of including a forwarding database for detecting whether new data message

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received at the mail server should be forwarded to a wireless redirector host system, and for determining the electronic network address of the wireless redirector host system (*AirMobile*, page 13, "Note").

40. As to claims 86, 100, and 103, the combined system of AirMobile and Nelson will necessarily connect the messaging host system (*i.e.*, *ISP server*) and redirector host system over the Internet.

41. Claims 87, 88, 95, 110, and 111 are rejected under 35 U.S.C. 103(a) as being unpatentable over **AirMobile**, and further in view of **Birrell** U.S. patent # **6,185,551**.

42. As to claims 87, 88, 95, 110, and 111, AirMobile discloses, remotely configuring and reconfiguring the filtering rules and profile database using an interface, but does not disclose using a web-based interface. Nonetheless, the use of web-based interfaces for e-mail systems is well-known, as evidenced by Birrell (*Birrell*, title, "*Web-based electronic mail service...*"). It would have been obvious to use a web-based system as the interface in AirMobile because the Web is ubiquitous and accessible worldwide.

43. Claim 91 is rejected under 35 U.S.C. 103(a) as being unpatentable over **AirMobile**, and further in view of **LookSmart** ("Motorola Brings AirMobile Software Products to the DCPD Network; Motorola Provides Mobile Corporate cc:Mail Users with Flexibility to Use Any Major Wireless data Network", Business Wire, January 1996).

44. As to claim 91, LookSmart describes that AirMobile uses compression. It would have been obvious to include compression in the AirMobile system to save network bandwidth.

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45. Claim 92 is rejected under 35 U.S.C. 103(a) as being unpatentable over **AirMobile**, and further in view of **Hertzog et al.**, U.S. Provisional Patent Application # **60/132,560**.

46. As to claim 92, AirMobile does not explicitly disclose, the data message is a calendar event message. Nonetheless, it is well known to send an e-mail message as calendar event message, as evidenced by Hertzog (*Hertzog*, pages 27-28). Thus, it would have been obvious for the e-mail system taught by AirMobile to be included by a calendar event message because that would increase business with the users and would allow users to access mail from anywhere in the world.

47. Claims 104-105 are rejected under 35 U.S.C. 103(a) as being unpatentable over **AirMobile**, and further in view of **Infotech** ("The Perils of E-Mail: Unsolicited Messages!", Infotech Update, New York, August 1997).

48. As to claim 104, AirMobile discloses at the messaging host system a program for transmitting user data messages and a forwarding file containing a list of authorized user's of the system and the predetermined address to which the messaging host system will forward each user's data messages (*all of this is inherently part of the Post Office server in order to forward messages received at Post Office server to the appropriate AirMobile server, see Fig. 1, pages 11-13*). However, AirMobile does not explicitly disclose what program is used for the message forwarding, and thus does not disclose a "sendmail" program. Nonetheless, sendmail programs for message forwarding are well known, as evidenced by Infotech (*Infotech, see page 1, last*

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*paragraph*). It would have been obvious to forward the messages in the AirMobile system to avoid the need to create an entirely new mail forwarding program.

49. As to claim 105, the Post Office message host system taught by AirMobile will necessarily store the data messages of users having accounts on the messaging host system.

50. Further references of interest are cited on Form PTO-892, which is an attachment to this action.

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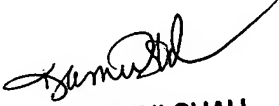
### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hai V. Nguyen whose telephone number is 571-272-3901. The examiner can normally be reached on 6:00-3:30 Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Caldwell can be reached on 571-272-3868. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Hai V. Nguyen  
Examiner  
Art Unit 2142

  
KAMINI SHAH  
PRIMARY EXAMINER